植 物 分 类 学 报 34(6):650～652(1996)
Acta Phytotaxonomica Sinica

四川碎米荠属一新种*

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A NEW SPECIES OF *CARDAMINE* (CRUCIFERAE) FROM SICHUAN, CHINA

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Key words *Cardamine*; *C. longipedicellata*; Sichuan;
关键词 碎米荠属;长梗碎米荠;四川

长梗碎米荠 新种 图1

Cardamine longipedicellata Z. M. Tan et G. H. Chen, sp. nov.

Species affinis *C. heterophyllae* T. Y. Cheo et R. C. Fang sed foliis basalibus multis, simplicibus vel ternatis, caulinis omnino ternatis, foliolis terminalibus ellipticis vel ovatis, lateralibus plerumque subrotundis, omnino margine ciliatis, subtus glabris, pedicellis longioribus, 9～14 mm longis, stylis conspicuis, circ. 1 mm longis differt.

Herba 25～30 cm alta, basi multo ramosa, rhizomate carens. Caulis canaliculatus, inferne sparsim puberulus, superne glaber. Folia basalia multa, simplicia vel ternata; folia simplicia late cordata, 2～2.9 cm longa, 2～2.8 cm lata, basi cordata, apice obtusa, margine sinuato-dentata, dentibus mucronatis, petiolis 5～8 cm longis, glabratis; folia ternata eis simplicibus longiora, foliolis terminalibus late oblongis vel subellipticis, 3～3.5 cm longis, 2～2.4 cm latis, basi late cuneatis vel truncatis, apice obtusis vel acutis, margine obtuso-dentatis, petiolulis 1.4～2.4 cm longis, foliolis lateralibus late ovatis vel subrotundis, 5～15 mm longis, 4～14 mm latis, basi subtruncatis vel subcordatis, apice obtusis, margine sparsim dentatis, petiolulis 1～6 mm longis, petiolis 5～8 cm longis, glabratis. Folia caulina ternata; foliola elliptica, ovata, vel subrotunda, 0.8～4.6 cm longa, 0.6～2.4 cm lata, basi late cuneata, apice obtusa vel caudata, margine irregulariter dentata, petiolulis 1～13 mm longis; petioli 1.2～8.5 cm longi, glabrati, basi lati in 2 auriculas breves et parvas excurrentes. Folia omnia margine ciliata, supra sparsim adpresso-puberula, subtus glabra. Race-

* 1994-11-30 收稿。

mi terminales. Pedicelli 9～14 mm longi, suberecti, glabri. Sepala ovato-triangularia, glabra, circ. 4 mm longa, 1.5～2 mm lata, apice acuta, margine membranacea, alba. Petala alba, glabra, obovata, apice rotunda, circ. 8 mm longa, 4 mm lata. Stamina subaequilonga, glabra, filamentis 3～4 mm longis, antheris atro-purpureis. Pistillum glabrum, ovario tenuiter cylindrico, 6～7 mm longo, stylo conspicuo, circ. 1 mm longo, stigmate

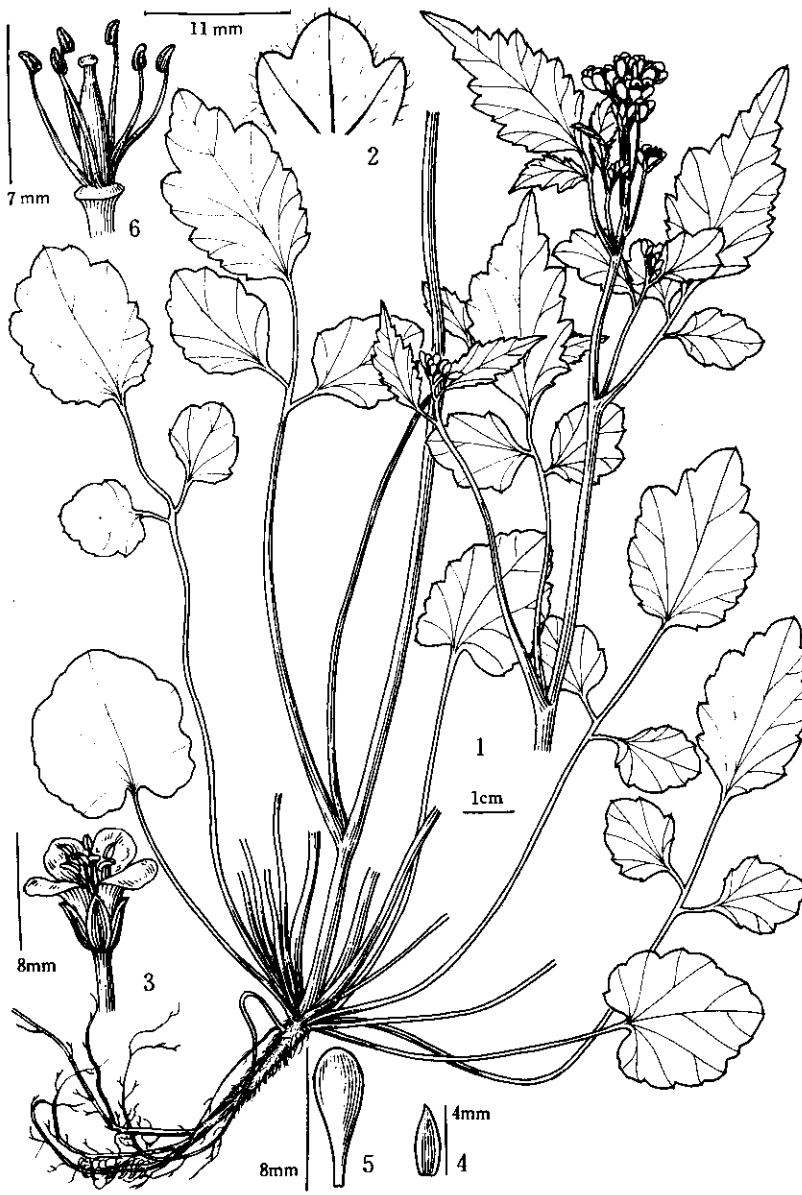

图 1　长梗碎米荠　1. 植株；2. 叶(部分放大)；3. 花；4. 萼片；5. 花瓣；6. 雄蕊和雌蕊。
Fig. 1　*Cardamine longipedicellata*　1. plant; 2. leaf (part magnified); 3. flower; 4. sepal; 5. petal; 6. stamen and pistil.

compresso. Siliquae ignotae.

Sichuan (四川):Shifang (什邡),Saiyunhua (赛云华),alt. 1090 m, 1979-04-03, M. S. Huang (黄茂寿) 40 (type, SZ); Dujiangyan (都江堰),Qingcheng Mt. (青城山), alt. 1200 m, 1987-04-26,Z. Q. Zhang (张兆清) 87-018。

草本高 25～30 cm,基部多分枝,无根状茎。茎具沟槽,下部疏生微柔毛,上部无毛。基生叶多数,单叶或具 3 小叶;单叶宽心形,长 2～2.9 cm, 宽 2～2.8 cm,基部心形,顶端钝,边缘具波状齿,齿具尖头,叶柄长 5～8 cm,几无毛; 3 小叶复叶比单叶长; 顶生小叶宽长圆形或近椭圆形,长 3～3.5 cm,宽 2～2.4 cm,基部宽楔形或截形,顶端钝或急尖,边缘具钝齿,小叶柄长 1.4～2.4 cm;侧生小叶宽卵形或近圆形,长 5～15 mm,宽 4～14 mm,基部近截形或近心形,顶端钝,边缘具疏齿,小叶柄长 1～6 mm; 叶柄长 5～8 cm,几无毛。茎生叶具 3 小叶,小叶椭圆形、卵形或近圆形,长 0. 8～4.6 cm,宽 0. 6～2.4 cm,基部宽楔形,顶端钝或尾尖,边缘具不整齐的齿,小叶柄长 1～13 mm;叶柄长 1. 2～8. 5 cm,几无毛,基部宽,下延成 2 个短小的耳。全部叶边缘具纤毛,上面疏生短伏毛,下面无毛。总状花序顶生。花梗较长,长 9～14 mm,近直立,无毛。萼片卵状三角形,无毛,长约 4 mm,宽 1.5～2 mm,顶端急尖,边缘膜质,白色。花瓣白色,无毛,倒卵形,顶端圆形,约长 8 mm,宽 4 mm。雄蕊近等长,无毛,花丝长 3～4 mm,花药黑紫色。雌蕊无毛,子房细圆柱形,长 6～7 mm,花柱明显,长约 1 mm,柱头扁平。长角果未见。

本种与异叶碎米荠 *C. heterophylla* T. Y. Cheo et R. C. Fang 相近,但本种基生叶多数,单叶或具 3 小叶,茎生叶全部具 3 小叶,顶生小叶椭圆形或卵形,侧生小叶通常近圆形,全部叶边缘具纤毛,下面无毛,花梗较长,长 9～14 mm, 花柱明显,长约 1 mm 而不同。